

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
 Data File : BP022391.D
 Acq On : 15 Oct 2024 16:17
 Operator : RC/JU
 Sample : P4264-03DL2 30X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCYN7DL2

Quant Time: Oct 16 02:18:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 14 11:01:55 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	71475	20.000	ng/u1	0.00
20) Naphthalene-d8	10.451	136	278853	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	223537	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	573956	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	715236	20.000	ng/u1	0.00
88) Perylene-d12	24.833	264	842547	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.887	99	3945	0.656	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	2758	0.780	ng/u1	0.00
11) 2-Chlorophenol-d4	7.246	132	3114	0.729	ng/u1	0.00
15) 4-Methylphenol-d8	8.405	113	2266m	0.472	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	1758m	0.820	ng/u1	0.01
24) 2-Nitrophenol-d4	9.557	143	1961	0.790	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.099	165	3637	0.689	ng/u1	0.02
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.716	166	15717	0.885	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	15792	0.837	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.316	176	15600	1.013	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	1266	0.335	ng/u1	0.03
73) Anthracene-d10	17.222	188	26030	0.964	ng/u1	0.02
81) Pyrene-d10	19.586	212	34336	0.908	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.610	264	32596	0.724	ng/u1	-0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.504	128	1863356	125.457	ng/u1	99
36) 2-Methylnaphthalene	12.110	142	225739	20.705	ng/u1	97
37) 1-Methylnaphthalene	12.328	142	236752	21.276	ng/u1	98
52) Acenaphthene	14.369	153	305413	22.061	ng/u1	99
61) Fluorene	15.369	166	345798	20.408	ng/u1	99
72) Phenanthrene	17.169	178	3785160	123.266	ng/u1	99
74) Anthracene	17.251	178	253810	8.283	ng/u1	100
80) Fluoranthene	19.239	202	2466980	56.736	ng/u1	98
82) Pyrene	19.622	202	1426675	30.613	ng/u1	97
85) Benzo(a)anthracene	21.527	228	499606	9.964	ng/u1	98
87) Chrysene	21.598	228	388997	8.367	ng/u1	98
90) Benzo(b)fluoranthene	23.792	252	287478	5.421	ng/u1	98
91) Benzo(k)fluoranthene	23.857	252	94298	1.816	ng/u1	98
93) Benzo(a)pyrene	24.674	252	83823	1.717	ng/u1	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

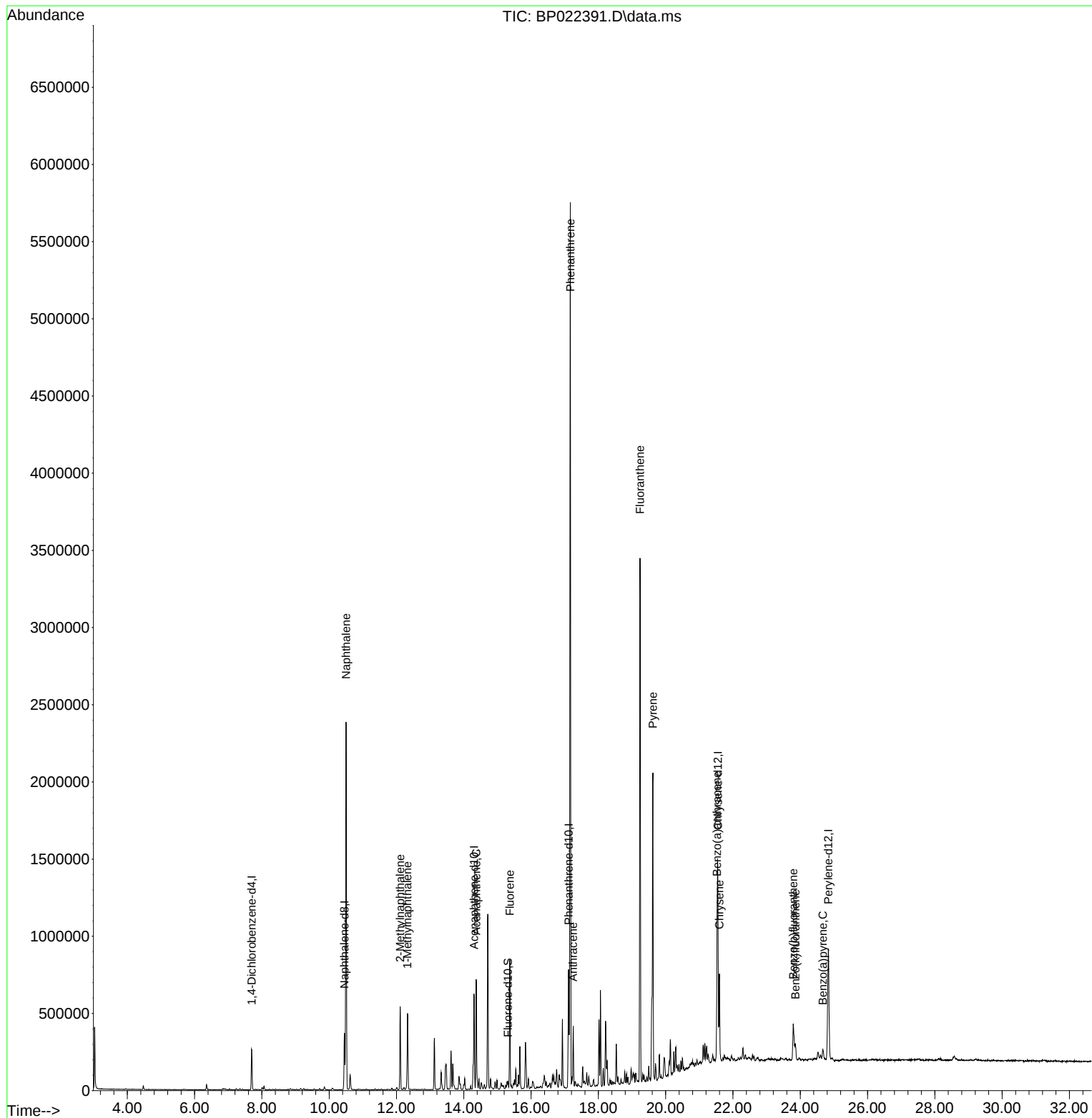
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Data File : BP022391.D
Acq On : 15 Oct 2024 16:17
Operator : RC/JU
Sample : P4264-03DL2 30X
Misc :
ALS Vial : 44 Sample Multiplier: 1

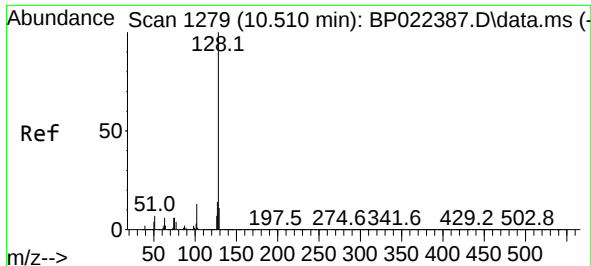
Instrument :
BNA_P
ClientSampleId :
DCYN7DL2

Quant Time: Oct 16 02:18:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 14 11:01:55 2024
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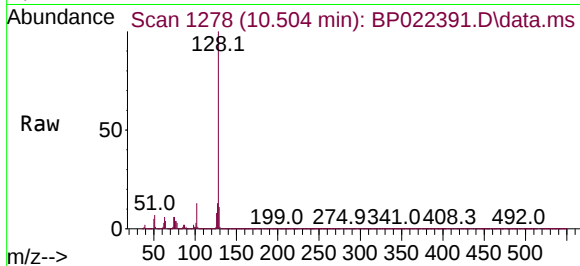
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/22/2024





#30
Naphthalene
Concen: 125.457 ng/ul
RT: 10.504 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BP022391.D
Acq: 15 Oct 2024 16:17

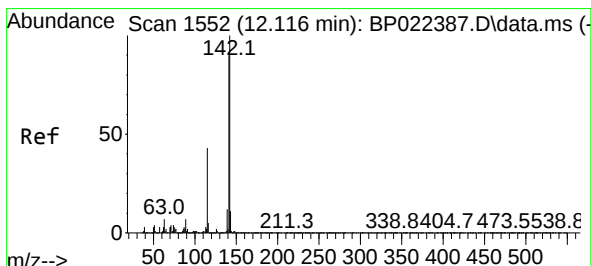
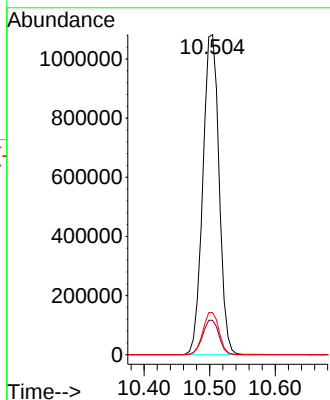
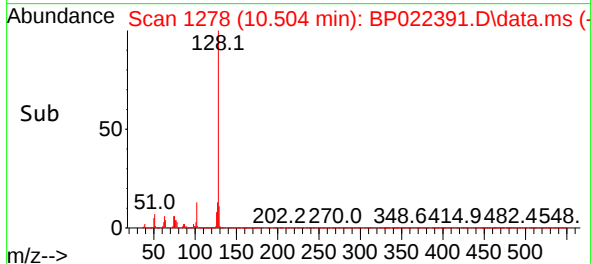
Instrument :
BNA_P
ClientSampleId :
DCYN7DL2



Tgt Ion:128 Resp: 1863350
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.2 9.9 14.9

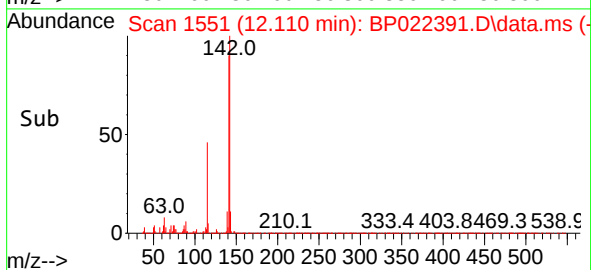
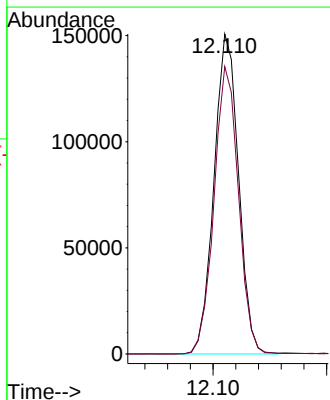
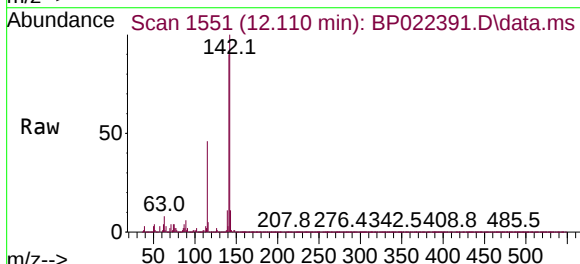
Manual Integrations
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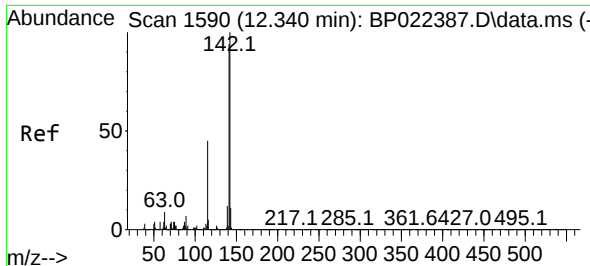
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/22/2024



#36
2-Methylnaphthalene
Concen: 20.705 ng/ul
RT: 12.110 min Scan# 1551
Delta R.T. 0.000 min
Lab File: BP022391.D
Acq: 15 Oct 2024 16:17

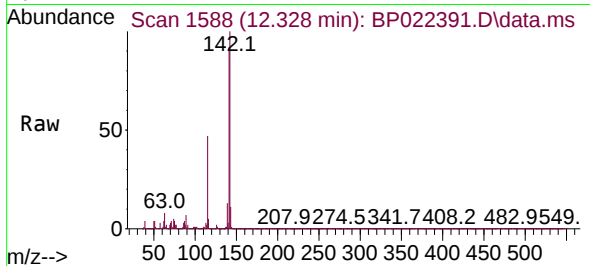
Tgt Ion:142 Resp: 225739
Ion Ratio Lower Upper
142 100
141 89.8 69.8 104.6





#37
1-Methylnaphthalene
Concen: 21.276 ng/ul
RT: 12.328 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BP022391.D
Acq: 15 Oct 2024 16:17

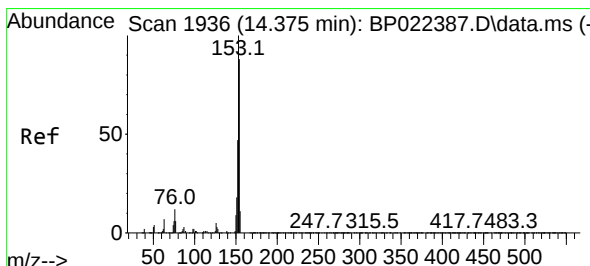
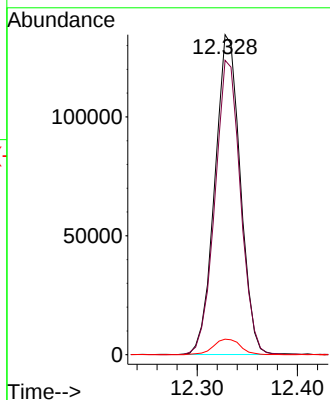
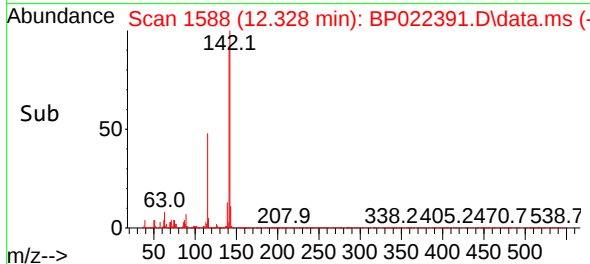
Instrument :
BNA_P
ClientSampleId :
DCYN7DL2



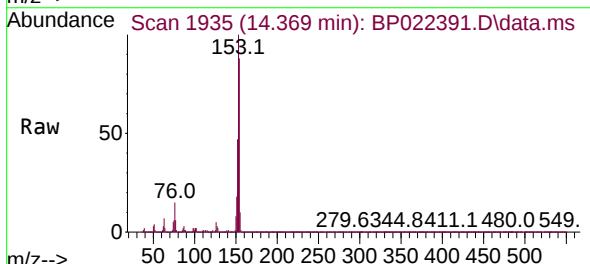
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Ion Ratio Lower Upper
142 100
141 92.0 74.8 112.2
116 4.9 4.1 6.1

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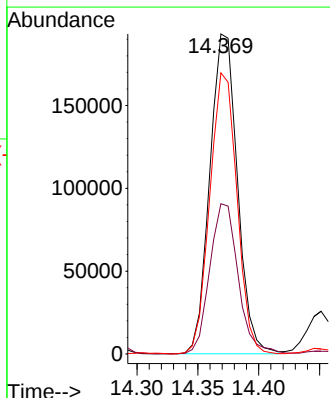
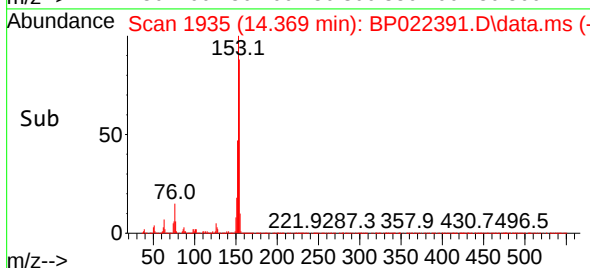
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/22/2024

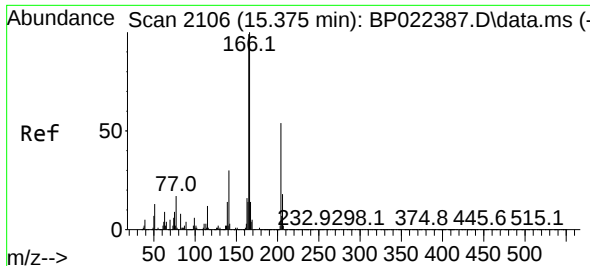


#52
Acenaphthene
Concen: 22.061 ng/ul
RT: 14.369 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BP022391.D
Acq: 15 Oct 2024 16:17



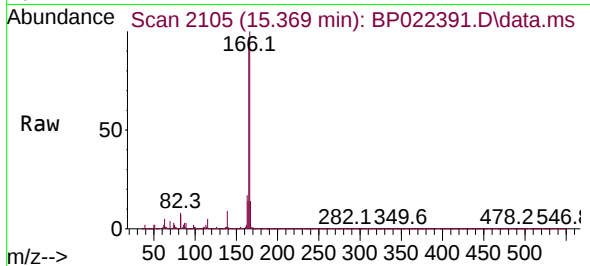
Tgt Ion:153 Resp: 305413
Ion Ratio Lower Upper
153 100
152 46.9 37.8 56.6
154 87.8 69.5 104.3





#61
Fluorene
Concen: 20.408 ng/u1
RT: 15.369 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BP022391.D
Acq: 15 Oct 2024 16:17

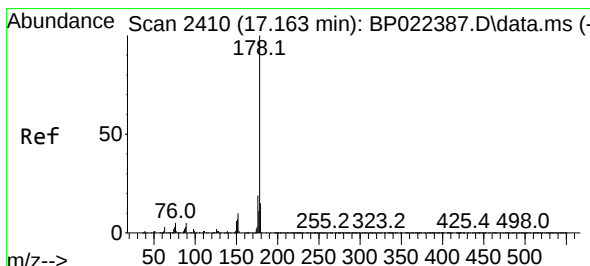
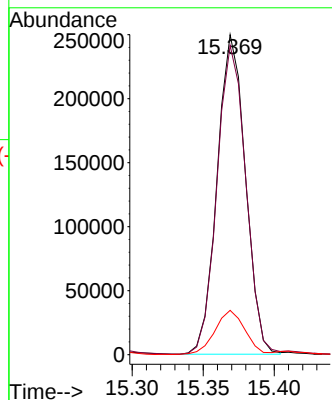
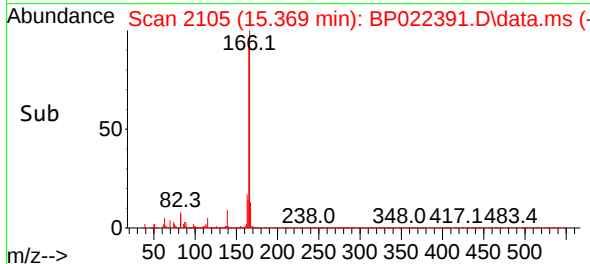
Instrument :
BNA_P
ClientSampleId :
DCYN7DL2



Tgt Ion:166 Resp: 345798
Ion Ratio Lower Upper
166 100
165 96.6 77.8 116.6
167 13.9 11.1 16.7

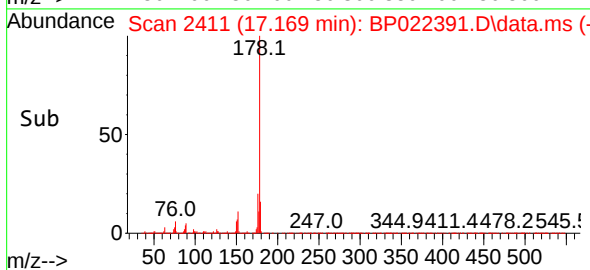
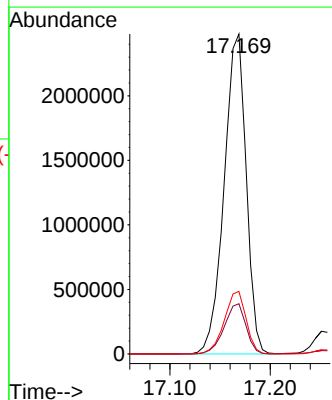
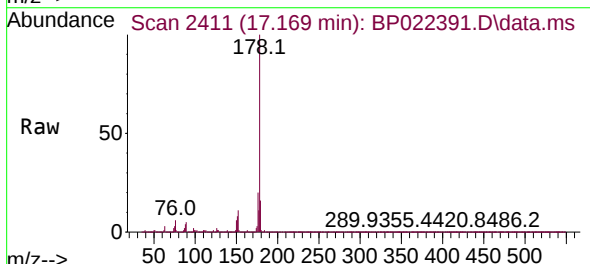
Manual Integrations
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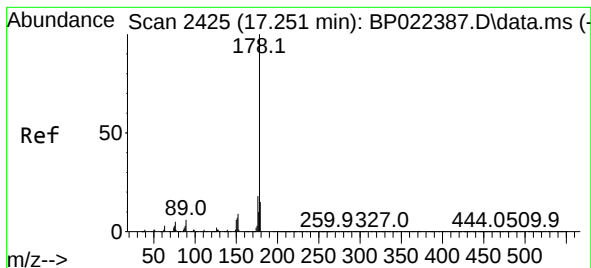
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/22/2024



#72
Phenanthrene
Concen: 123.266 ng/u1
RT: 17.169 min Scan# 2411
Delta R.T. 0.018 min
Lab File: BP022391.D
Acq: 15 Oct 2024 16:17

Tgt Ion:178 Resp: 3785160
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.4
176 19.5 15.7 23.5





#74

Anthracene

Concen: 8.283 ng/ul

RT: 17.251 min Scan# 2425

Delta R.T. 0.006 min

Lab File: BP022391.D

Acq: 15 Oct 2024 16:17

Instrument :

BNA_P

ClientSampleId :

DCYN7DL2

Tgt Ion:178 Resp: 253810

Ion Ratio Lower Upper

178 100

179 15.0 12.0 18.0

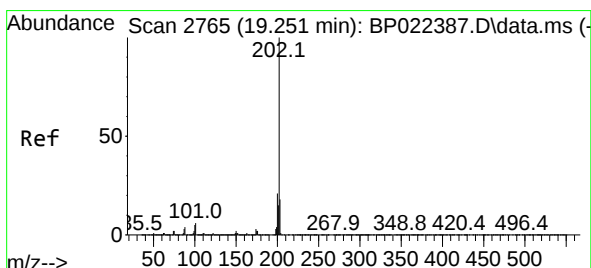
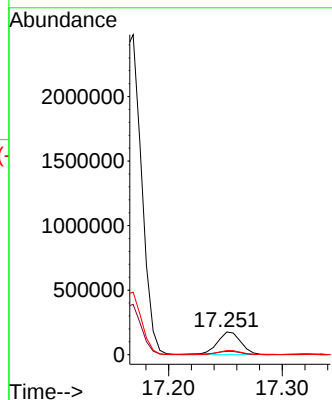
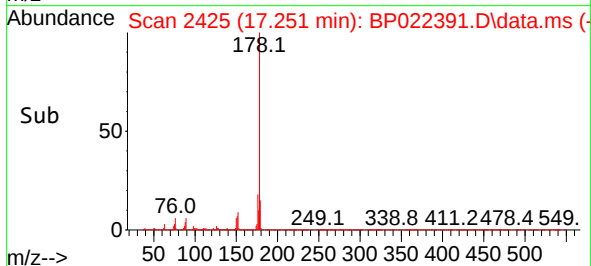
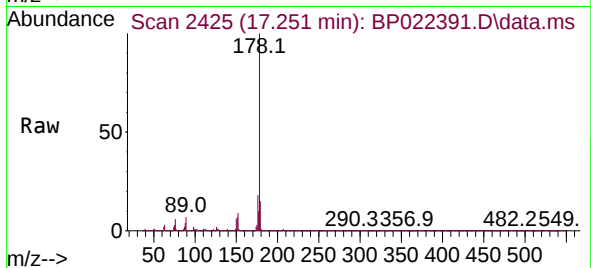
176 18.5 15.0 22.4

Manual Integrations

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Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/22/2024



#80

Fluoranthene

Concen: 56.736 ng/ul

RT: 19.239 min Scan# 2763

Delta R.T. -0.012 min

Lab File: BP022391.D

Acq: 15 Oct 2024 16:17

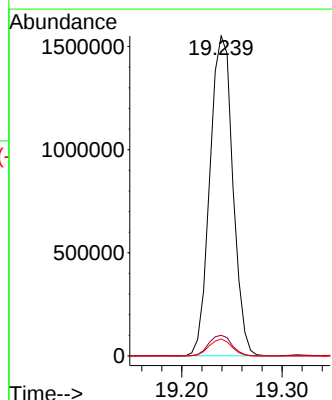
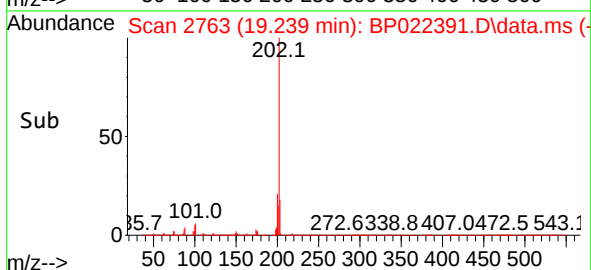
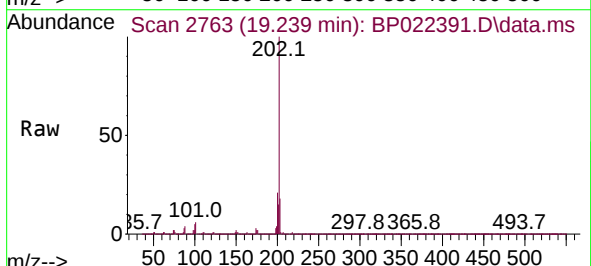
Tgt Ion:202 Resp: 2466980

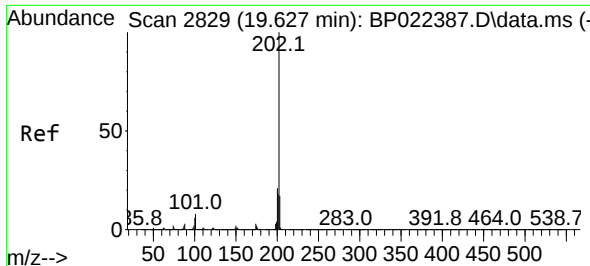
Ion Ratio Lower Upper

202 100

101 6.4 5.8 8.8

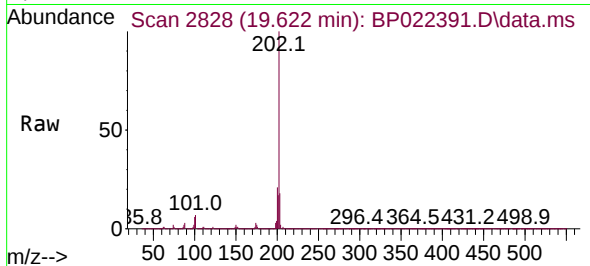
100 5.3 4.5 6.7





#82
 Pyrene
 Concen: 30.613 ng/ul
 RT: 19.622 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP022391.D
 Acq: 15 Oct 2024 16:17

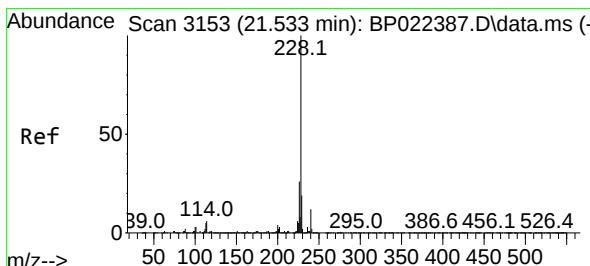
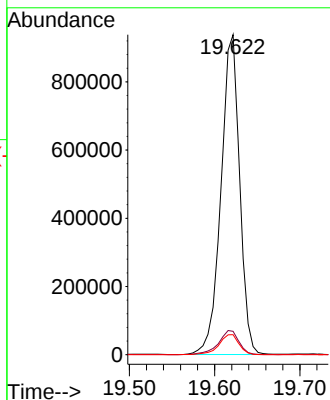
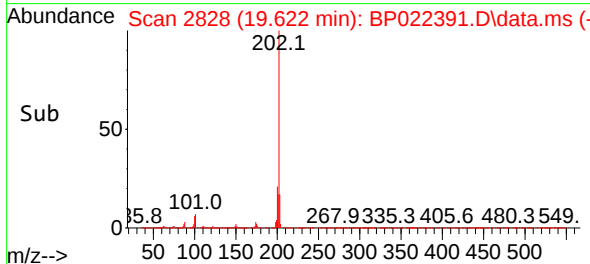
Instrument :
 BNA_P
 ClientSampleId :
 DCYN7DL2



Tgt Ion:202 Resp: 142667
 Ion Ratio Lower Upper
 202 100
 101 7.3 6.7 10.1
 100 6.2 5.8 8.6

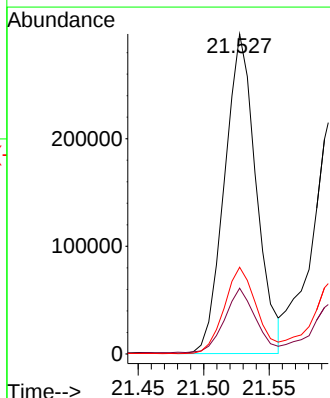
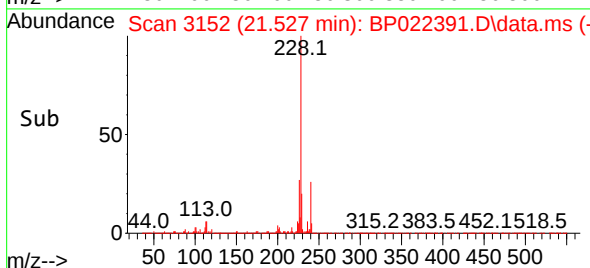
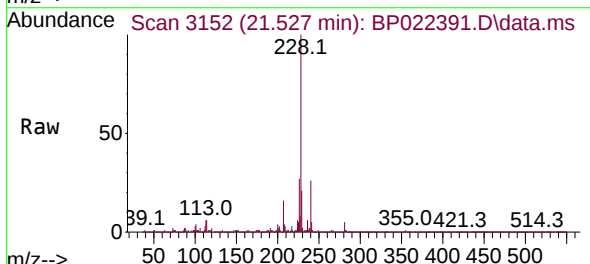
Manual Integrations
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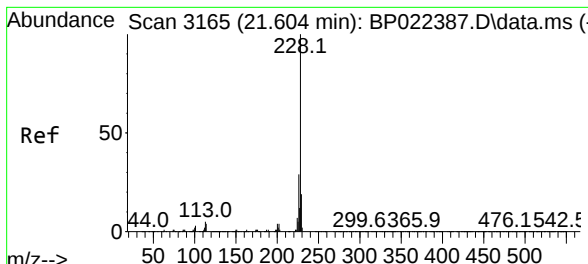
Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/22/2024



#85
 Benzo(a)anthracene
 Concen: 9.964 ng/ul
 RT: 21.527 min Scan# 3152
 Delta R.T. -0.006 min
 Lab File: BP022391.D
 Acq: 15 Oct 2024 16:17

Tgt Ion:228 Resp: 499606
 Ion Ratio Lower Upper
 228 100
 229 20.6 15.4 23.0
 226 27.1 21.5 32.3





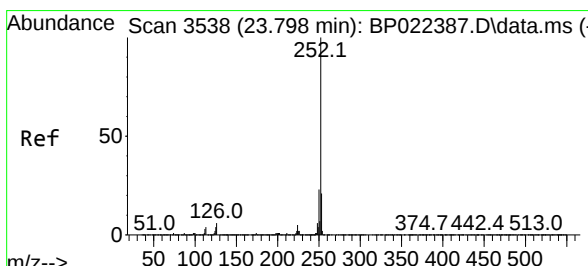
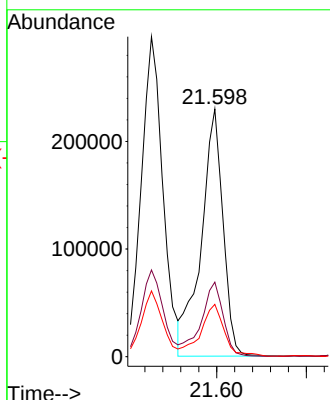
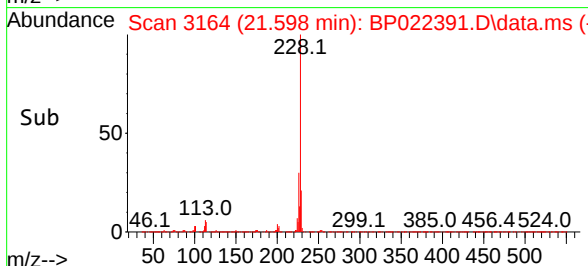
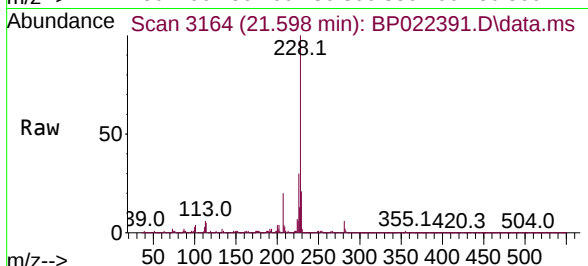
#87
 Chrysene
 Concen: 8.367 ng/ul
 RT: 21.598 min Scan# 3164
 Delta R.T. -0.006 min
 Lab File: BP022391.D
 Acq: 15 Oct 2024 16:17

Instrument : BNA_P
 ClientSampleId : DCYN7DL2

Tgt Ion:	228	Resp:	38899
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.8	35.8
229	21.1	15.5	23.3

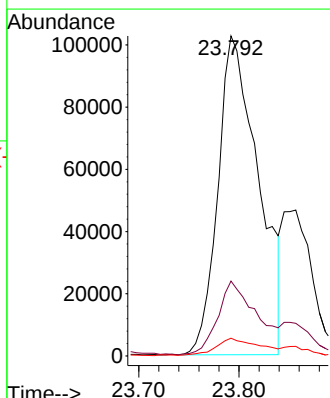
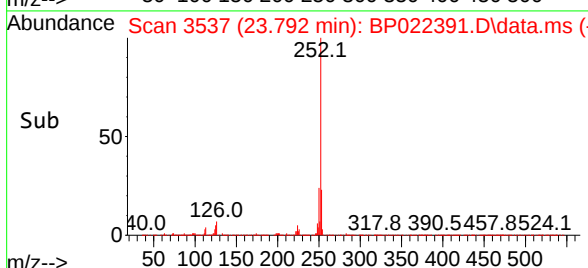
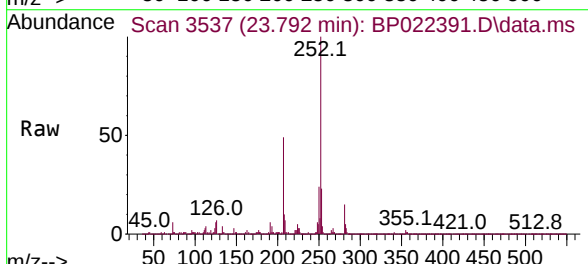
Manual Integrations
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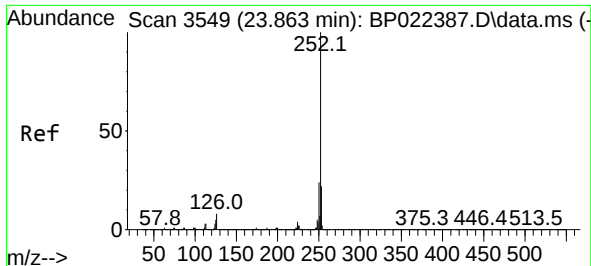
Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/22/2024



#90
 Benzo(b)fluoranthene
 Concen: 5.421 ng/ul
 RT: 23.792 min Scan# 3537
 Delta R.T. -0.023 min
 Lab File: BP022391.D
 Acq: 15 Oct 2024 16:17

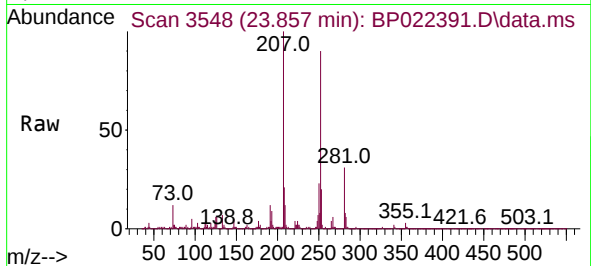
Tgt Ion:	252	Resp:	287478
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.8	26.8
125	5.5	5.0	7.4





#91
Benzo(k)fluoranthene
Concen: 1.816 ng/ul
RT: 23.857 min Scan# 3549
Delta R.T. -0.023 min
Lab File: BP022391.D
Acq: 15 Oct 2024 16:17

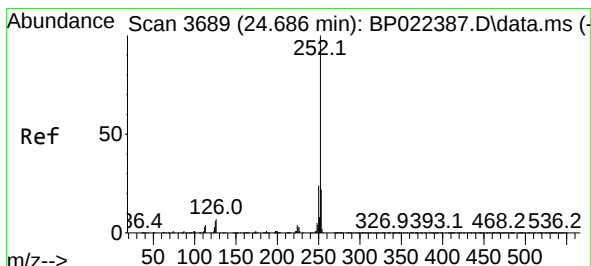
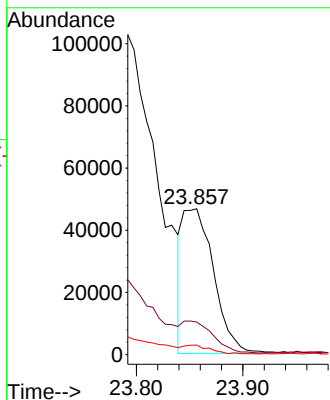
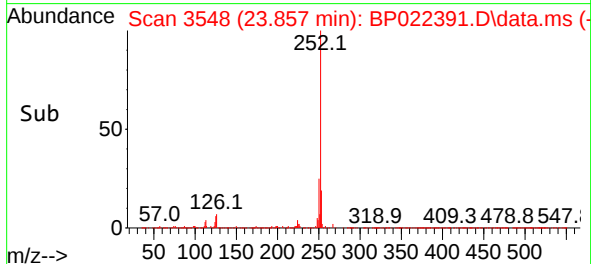
Instrument :
BNA_P
ClientSampleId :
DCYN7DL2



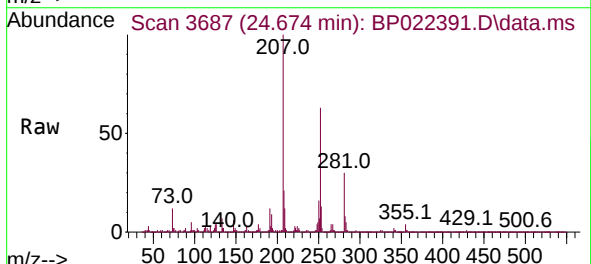
Tgt Ion:252 Resp: 94298
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 6.5 4.6 6.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/22/2024



#93
Benzo(a)pyrene
Concen: 1.717 ng/ul
RT: 24.674 min Scan# 3687
Delta R.T. -0.029 min
Lab File: BP022391.D
Acq: 15 Oct 2024 16:17



Tgt Ion:252 Resp: 83823
Ion Ratio Lower Upper
252 100
253 20.5 17.7 26.5
125 5.7 4.9 7.3

